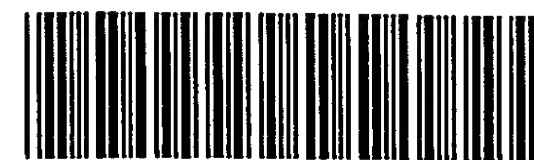


## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09/880,097  
Source: IFW/6  
Date Processed by STIC: 08/17/2006

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IFW16

## RAW SEQUENCE LISTING

DATE: 08/17/2006

PATENT APPLICATION: US/09/880,097

TIME: 11:08:50

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Output Set: N:\CRF4\08172006\I880097.raw

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4 <110> APPLICANT: Wellstein, Anton
6 <120> TITLE OF INVENTION: PLEIOTROPHIN GROWTH FACTOR RECEPTOR FOR
7   THE TREATMENT OF PROLIFERATIVE, VASCULAR AND NEUROLOGICAL
8   DISORDERS
10 <130> FILE REFERENCE: 102728-P01-004
12 <140> CURRENT APPLICATION NUMBER: US 09/880,097
13 <141> CURRENT FILING DATE: 2001-06-14
15 <150> PRIOR APPLICATION NUMBER: US 60/211,491
16 <151> PRIOR FILING DATE: 2000-06-14
18 <160> NUMBER OF SEQ ID NOS: 2
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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23 <211> LENGTH: 5293
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
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30 agcagtgtaa acggcctcct ccggcgggat gggagccatc gggctcctgt ggctgctgcc 180
31 gctgctgctt tccacggcag ctgtgggctc cgggatgggg accggccagc gcgcgggctc 240
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52 aggctccaag atggccctgc agagctcctt cacttggttg aatgggacag tcctccagct 1500
53 tgggcaggcc tgtgacttcc accaggactg tgcccaggga gaagatgaga gccagatgtg 1560
54 ccggaaactg cctgtggggt tttactgcaa ctttgaagat ggcttctgtg gctggacca 1620

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## RAW SEQUENCE LISTING

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DATE: 08/17/2006

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Output Set: N:\CRF4\08172006\I880097.raw

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57 tgctacagtg accagtgcta cgtttcctgc accgatcaag agctctccat gtgagctccg 1800
58 aatgtcctgg ctcatctgtg gagtcttgag gggaaacgtg tccttggtgc tagtggagaa 1860
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63 atcaagaaac ctgtttgaga gaaacccaaa caaggagctg aaaccggggg aaaattcacc 2160
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106 tacagagaaa cccacaaaaa agaataatcc tatagcaaag aaggagccac acgagagggg 4740
107 taacctgggg ctggagggaa gctgtactgt cccacctaac gttgcaactg ggagacttcc 4800
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109 gttcaggcta cgtcacttcc cttgtgggaa tgtcaattac ggctaccagc aacagggctt 4920
110 gcccttagaa gccgctactg cccctggagc tggtcattac gaggatacca ttctgaaaag 4980
111 caagaatagc atgaaccagc ctggggcctg agctcggctc cacactcact tctcttctct 5040
112 gggatcccta agaccgtgga ggagagagag gcaatcaatg gctcctttca caaaccagag 5100
113 accaaatgtc acgttttgtt ttgtgccaac ctattttgaa gtaccaccaa aaaagctgta 5160
114 ttttgaaaat gcttttagaa ggttttgagc atgggttcat cctattcttt cgaaagaaga 5220
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118 &lt;210&gt; SEQ ID NO: 2

119 &lt;211&gt; LENGTH: 1620

120 &lt;212&gt; TYPE: PRT

121 &lt;213&gt; ORGANISM: Homo sapiens

123 &lt;400&gt; SEQUENCE: 2

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127 20 25 30
128 Ala Ala Gly Pro Pro Leu Gln Pro Arg Glu Pro Leu Ser Tyr Ser Arg
129 35 40 45
130 Leu Gln Arg Lys Ser Leu Ala Val Asp Phe Val Val Pro Ser Leu Phe
131 50 55 60
132 Arg Val Tyr Ala Arg Asp Leu Leu Leu Pro Pro Ser Ser Ser Glu Leu
133 65 70 75 80
134 Lys Ala Gly Arg Pro Glu Ala Arg Gly Ser Leu Ala Leu Asp Cys Ala
135 85 90 95
136 Pro Leu Leu Arg Leu Leu Gly Pro Ala Pro Gly Val Ser Trp Thr Ala
137 100 105 110
138 Gly Ser Pro Ala Pro Ala Glu Ala Arg Thr Leu Ser Arg Val Leu Lys
139 115 120 125
140 Gly Gly Ser Val Arg Lys Leu Arg Arg Ala Lys Gln Leu Val Leu Glu
141 130 135 140
142 Leu Gly Glu Glu Ala Ile Leu Glu Gly Cys Val Gly Pro Pro Gly Glu
143 145 150 155 160
144 Ala Ala Val Gly Leu Leu Gln Phe Asn Leu Ser Glu Leu Phe Ser Trp
145 165 170 175
146 Trp Ile Arg Gln Gly Glu Gly Arg Leu Arg Ile Arg Leu Met Pro Glu
147 180 185 190
148 Lys Lys Ala Ser Glu Val Gly Arg Glu Gly Arg Leu Ser Ala Ala Ile
149 195 200 205
150 Arg Ala Ser Gln Pro Arg Leu Leu Phe Gln Ile Phe Gly Thr Gly His
151 210 215 220
152 Ser Ser Leu Glu Ser Pro Thr Asn Met Pro Ser Pro Ser Pro Asp Tyr
153 225 230 235 240
154 Phe Thr Trp Asn Leu Thr Trp Ile Met Lys Asp Ser Phe Pro Phe Leu

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157				260					265					270
158	Glu	Leu	Glu	Tyr	Ser	Pro	Pro	Leu	His	Asp	Leu	Arg	Asn	Gln
159				275					280					285
160	Ser	Trp	Arg	Arg	Ile	Pro	Ser	Glu	Glu	Ala	Ser	Gln	Met	Asp
161				290					295					300
162	Asp	Gly	Pro	Gly	Ala	Glu	Arg	Ser	Lys	Glu	Met	Pro	Arg	Gly
163	305								310					315
164	Leu	Leu	Leu	Asn	Thr	Ser	Ala	Asp	Ser	Lys	His	Thr	Ile	Leu
165									325					330
166	Trp	Met	Arg	Ser	Ser	Ser	Glu	His	Cys	Thr	Leu	Ala	Val	Ser
167									335					340
168	Arg	His	Leu	Gln	Pro	Ser	Gly	Arg	Tyr	Ile	Ala	Gln	Leu	Leu
169									345					350
170	Asn	Glu	Ala	Ala	Arg	Glu	Ile	Leu	Leu	Met	Pro	Thr	Pro	Gly
171									355					360
172	Gly	Trp	Thr	Val	Leu	Gln	Gly	Arg	Ile	Gly	Arg	Pro	Asp	Asn
173	385								365					370
174	Arg	Val	Ala	Leu	Glu	Tyr	Ile	Ser	Ser	Gly	Asn	Arg	Ser	Leu
175									375					380
176	Val	Asp	Phe	Phe	Ala	Leu	Lys	Asn	Cys	Ser	Glu	Gly	Thr	Ser
177									385					390
178	Ser	Lys	Met	Ala	Leu	Gln	Ser	Ser	Phe	Thr	Cys	Trp	Asn	Gly
179									395					400
180	Leu	Gln	Leu	Gly	Gln	Ala	Cys	Asp	Phe	His	Gln	Asp	Cys	Ala
181									405					410
182	Glu	Asp	Glu	Ser	Gln	Met	Cys	Arg	Lys	Leu	Pro	Val	Gly	Phe
183	465								415					420
184	Asn	Phe	Glu	Asp	Gly	Phe	Cys	Gly	Trp	Thr	Gln	Gly	Thr	Leu
185									425					430
186	His	Thr	Pro	Gln	Trp	Gln	Val	Arg	Thr	Leu	Lys	Asp	Ala	Arg
187									435					440
188	Asp	His	Gln	Asp	His	Ala	Leu	Leu	Leu	Ser	Thr	Thr	Asp	Val
189									445					450
190	Ser	Glu	Ser	Ala	Thr	Val	Thr	Ser	Ala	Thr	Phe	Pro	Ala	Pro
191									455					460
192	Ser	Ser	Pro	Cys	Glu	Leu	Arg	Met	Ser	Trp	Leu	Ile	Arg	Gly
193	545								465					470
194	Arg	Gly	Asn	Val	Ser	Leu	Val	Leu	Val	Glu	Asn	Lys	Thr	Gly
195									475					480
196	Gln	Gly	Arg	Met	Val	Trp	His	Val	Ala	Ala	Tyr	Glu	Gly	Leu
197									485					490
198	Trp	Gln	Trp	Met	Val	Leu	Pro	Leu	Leu	Asp	Val	Ser	Asp	Arg
199									495					500
200	Leu	Gln	Met	Val	Ala	Trp	Trp	Gly	Gln	Gly	Ser	Arg	Ala	Ile
201									505					510
202	Phe	Asp	Asn	Ile	Ser	Ile	Ser	Leu	Asp	Cys	Tyr	Leu	Thr	Ile
203	625								515					520
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## RAW SEQUENCE LISTING

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Output Set: N:\CRF4\08172006\I880097.raw

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208 Gln Thr Pro Ile Phe Asp Pro Thr Val His Trp Leu Phe Thr Thr Cys
209                               675                               680                               685
210 Gly Ala Ser Gly Pro His Gly Pro Thr Gln Ala Gln Cys Asn Asn Ala
211                               690                               695                               700
212 Tyr Gln Asn Ser Asn Leu Ser Val Glu Val Gly Ser Glu Gly Pro Leu
213 705                               710                               715                               720
214 Lys Gly Ile Gln Ile Trp Lys Val Pro Ala Thr Asp Thr Tyr Ser Ile
215                               725                               730                               735
216 Ser Gly Tyr Gly Ala Ala Gly Gly Lys Gly Gly Lys Asn Thr Met Met
217                               740                               745                               750
218 Arg Ser His Gly Val Ser Val Leu Gly Ile Phe Asn Leu Glu Lys Asp
219                               755                               760                               765
220 Asp Met Leu Tyr Ile Leu Val Gly Gln Gln Gly Glu Asp Ala Cys Pro
221                               770                               775                               780
222 Ser Thr Asn Gln Leu Ile Gln Lys Val Cys Ile Gly Glu Asn Asn Val
223 785                               790                               795                               800
224 Ile Glu Glu Glu Ile Arg Val Asn Arg Ser Val His Glu Trp Ala Gly
225                               805                               810                               815
226 Gly Gly Gly Gly Gly Gly Gly Ala Thr Tyr Val Phe Lys Met Lys Asp
227                               820                               825                               830
228 Gly Val Pro Val Pro Leu Ile Ile Ala Ala Gly Gly Gly Gly Arg Ala
229                               835                               840                               845
230 Tyr Gly Ala Lys Thr Asp Thr Phe His Pro Glu Arg Leu Glu Asn Asn
231                               850                               855                               860
232 Ser Ser Val Leu Gly Leu Asn Gly Asn Ser Gly Ala Ala Gly Gly Gly
233 865                               870                               875                               880
234 Gly Gly Trp Asn Asp Asn Thr Ser Leu Leu Trp Ala Gly Lys Ser Leu
235                               885                               890                               895
236 Gln Glu Gly Ala Thr Gly Gly His Ser Cys Pro Gln Ala Met Lys Lys
237                               900                               905                               910
238 Trp Gly Trp Glu Thr Arg Gly Gly Phe Gly Gly Gly Gly Gly Gly Cys
239                               915                               920                               925
240 Ser Ser Gly Gly Gly Gly Gly Gly Tyr Ile Gly Gly Asn Ala Ala Ser
241                               930                               935                               940
242 Asn Asn Asp Pro Glu Met Asp Gly Glu Asp Gly Val Ser Phe Ile Ser
243 945                               950                               955                               960
244 Pro Leu Gly Ile Leu Tyr Thr Pro Ala Leu Lys Val Met Glu Gly His
245                               965                               970                               975
246 Gly Glu Val Asn Ile Lys His Tyr Leu Asn Cys Ser His Cys Glu Val
247                               980                               985                               990
248 Asp Glu Cys His Met Asp Pro Glu Ser His Lys Val Ile Cys Phe Cys
249                               995                               1000                               1005
250 Asp His Gly Thr Val Leu Ala Glu Asp Gly Val Ser Cys Ile Val Ser
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**VERIFICATION SUMMARY**

**PATENT APPLICATION: US/09/880,097**

**DATE: 08/17/2006**

**TIME: 11:08:52**

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